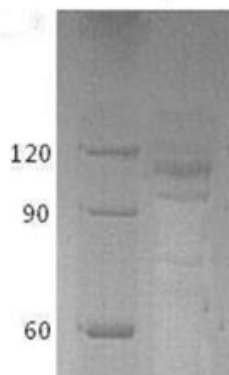


# Active EphB2 (Fc Tag), Human Recombinant

07/21

<b>CATALOG NO:</b>	P1741-10    10 µg P1741-50    50 µg
<b>ALTERNATE NAMES:</b>	EPH Receptor B2; Developmentally-Regulated Eph-Related Tyrosine Kinase; Tyrosine-Protein Kinase Receptor EPH-3; Tyrosine-Protein Kinase TYRO5
<b>MOL. WT.</b>	78.5 kDa (predicted); 120 kDa (observed)
<b>NCBI GENE ID:</b>	2048
<b>ACCESSION NO.:</b>	P29323
<b>ENDOTOXIN:</b>	< 1.0 EU per µg as determined by the LAL method
<b>PURITY:</b>	> 90% by SDS-PAGE
<b>SOURCE:</b>	Human cells
<b>AMINO ACID SEQUENCE:</b>	Val 19 to Ser 482 with C-terminal Fc Tag
<b>BIOLOGICAL ACTIVITY:</b>	Immobilized Active EphB2 (Fc Tag) 2 µg/ml (100 µl/well) can bind Ephrin B2
<b>FORM::</b>	Lyophilized powder
<b>FORMULATION:</b>	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4
<b>STORAGE CONDITIONS:</b>	Store lyophilized protein at -20 °C or -80 °C. Upon reconstitution, protein is stable for up to three months at -20 °C. Avoid repeated freeze-thaw cycles
<b>DESCRIPTION:</b>	Ephrin Type-B Receptor 2 (EphB2) is a transmembrane receptor tyrosine kinase glycoprotein that functions through bidirectional signaling between adjacent cells. EphB2 functions in axon guidance during development, and also regulates development of dendrites and formation of synapses. EphB2 also controls angiogenesis, movement and adhesion of certain cells, and may function as a tumor suppressor. Some mutations of EphB2 have been associated with prostate and brain cancer.

kDa    Marker    EphB2



Active EphB2 (Fc Tag), Human Recombinant was loaded on SDS-PAGE and visualized with Coomassie blue stain.

## RELATED PRODUCTS:

Human CellExp™ EphA7 / EHK3 (Active), Human Recombinant (Cat. No. P1727)  
 Human CellExp™ Ephrin-A4 / EFNA4 (Active), Human Recombinant (Cat. No. P1729)  
 Human CellExp™ Ephrin-A1 / EFNA1 (Active), Human Recombinant (Cat. No. P1728)  
 Human CellExp™ EphA2 (Active), Human Recombinant (Cat. No. P1726)

**FOR RESEARCH USE ONLY! Not to be used on humans.**